

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Duncan W. McBranch

Docket No.: S-91,723

Serial No.: 09/298,297

Examiner: W. Markham

Filed : 4/23/1999

Art Unit: 1762

For : PHOTOINDUCED CHARGE-TRANSFER MATERIALS FOR NONLINEAR OPTICAL APPLICATIONS

Customer No. 35068

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION UNDER 37 CFR §1.132

Sir:

In support of the Response and Request for Reconsideration submitted concurrently herewith, I, the undersigned, declare as follows:

1) That I am Duncan W. McBranch, the sole inventor of the subject matter claimed in the above-identified U.S. Patent Application (hereinafter "Application");

2) That I am the author of the article (hereinafter "Article") entitled "Supramolecular photoinduced charge transfer materials for nonlinear optics," which appeared in the journal Current Opinion in Solid State & Material Science (vol. 3(2) (1998) pp. 203-208), and was cited by the Examiner on page 7 of the November 15, 2005, Office Action;

3) That the above-referenced Article, on page 206, column 2, lines 7-25, states that, while it has been proven difficult to make multi-layers of arbitrary thickness by covalent self-assembly (lines 8-9), the difficulties have been largely surmounted in recent work (lines 15-16);

4) That, because such difficulties were regarded at the date of publication (1998) of the Article as having been substantially overcome, such covalent self-

assembly techniques are therefore within the current level of ordinary skill in the art, and may be readily adapted by those skilled in the art to deposit structures claimed in the above-identified Application without undue experimentation;

5) That the above-referenced Article, on page 206, column 2, lines 26-28, states: "Ionic self-assembly has proven to be a versatile and simple technique for rapidly constructing multilayer solids of arbitrary thickness;"

6) That, because ionic self-assembly was regarded at the publication date (1998) of the Article as being "simple," such ionic self-assembly techniques are therefore within the current level of ordinary skill in the art, and may be readily adapted by those skilled in the art to deposit structures claimed in the above-identified Application without undue experimentation;

9) That all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and

(10) That these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon;

(11) Further Declarant sayeth not.



Duncan W. McBranch

1/31/06

Date